



Global Warming in a bottle

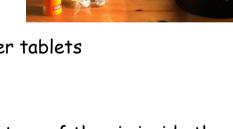
Carbon Dioxide (CO_2) is one of a number of gases that contribute to global warming. In this activity students mimic the global warming effect by creating large amounts of CO_2 in a bottle and investigate if this has a heating effect.

Equipment:

- Plastic bottle
- Digital thermometer
- Ruler
- Lamp
- Water
- Timer
- Vitamin C tablets or Alka-Seltzer tablets

You are going to measure the temperature of the air inside the bottle as \mathcal{CO}_2 is produced.

Distance from lamp should be approx. 10cm













To make this a fair experiment what do you need to keep the same?

What factor are you going to change?
What will be the control?
What are you going to measure? (See clue given above)
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Conclusion:			







